

PP7MX Series

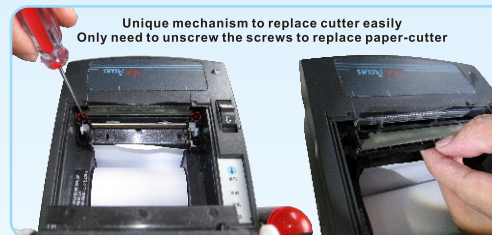
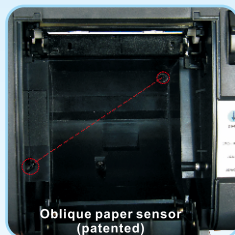
250mm/s High Speed 80/58mm Width Thermal Receipt Printer

MODEL EXPLICATION

PP7MXXXxxxxxxxx

- 2: 2 inch printer 58mm
- Null: 3 inch printer 80mm
- 1: with auto-cutter
- 0: without auto-cutter
- H: high-speed thermal printer (250mm/s)
- M: middle-speed thermal printer (150mm/s)
- L: low-speed thermal printer(100mm/s)
- S: Black mark sensor model
- F: Fiscal (with operator and customer display)
- C: Customer Display
- O: Operator Display
- E: Ethernet
- U: USB
- 3: RS232
- D: D25 parallel port
- W2: 2.4G wireless (P-tooth)
- W4: 433 wireless
- WB: BT
- WF: Wifi
- G: with GPRS module
- 2: connect with CDX Independent customer display

Notes: The item with mark "*" is still developing.



Application Range

The quality of easy operation, high speed and stable performance has made the printer one of the most economical and practical printing devices. It has been applied in various fields such as supermarkets, department stores, hotels, franchises, finance, telecommunications and ticket business as a receipt printer. And it could be combined with cash registers, touch-pos terminals, computers and other equipments.

Unique Functions

- ※ Oblique paper-sensor (world original patented). Detect paper precisely, even if the paper is stuck to the end of the paper slot or the PP7MX is positioned in different places (desktop or hang on the wall).
- ※ Unique mechanism to replace paper-cutter easily without opening the printer cover.
- ※ Special paper cutter design (the movable cutter is on the upper cover). You can easily eliminate paper jam by repowering the printer ; while using traditional printers (brand E,C) in market whose movable cutter is designed in the front seat, you must open the front cover and move the gear to withdraw the cutter manually (you cannot withdraw the cutter without opening the cover).
- ※ With agile black mark detector: locate printing position quickly, support detection in left and right direction. Also could connect with operator and customer display (optional) and function keyboard (optional) to work as a receipt printer and fiscal printer.
- ※ RF2.4G/RF433MHz applies Pinnacle's patented stable CSMA protocol (P-tooth) to establish reliable and stable many-to-many wireless communication.
- ※ Firstly introduced POS printer which adopts wireless communications (2.4G P-tooth, BT, and WIFI) in the market, avoiding wire clutter on the desk.
- ※ The most complete options of port modules in the world. 4 types of wireless communication modules: WIFI, BT, P-tooth (2.4G Pinnacle protocol), 433MHz (100m long distance); 4 types of wire communication modules: RS232 port, USB port, parallel port, Ethernet port. Customers could choose the module according to the system that they used.

Advanced Functions

- ※ High printing speed. Printing speed:250mm/s(PP7MXHX)
- ※ Unique easy loading design makes it convenient to installing paper roll.
- ※ Can be fixed on wall.
- ※ Two types of printer with different paper width for your options: 80mm and 58mm.
- ※ Support to print label.



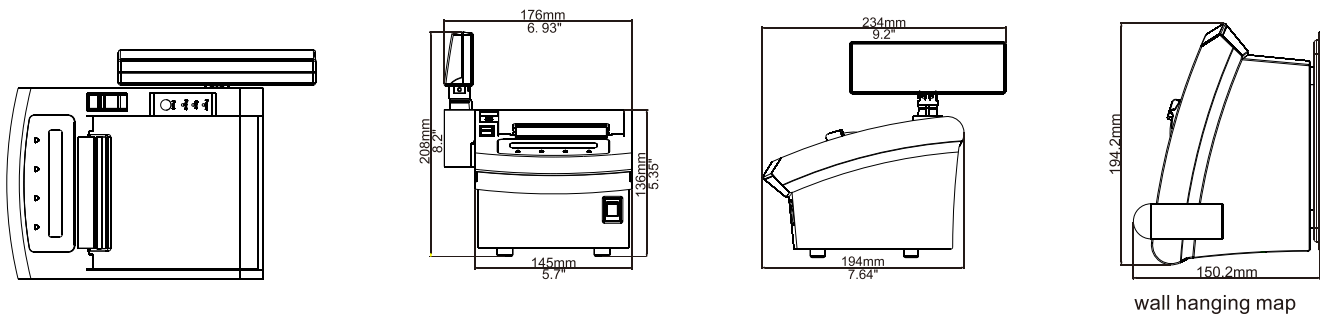
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Specifications

Optional type	PP7M2X	PP7M1MX	PP7M1HX
Speed	150mm/s	150mm/s	250mm/s
Power supply	DC24V/2A	DC12V/2A	DC24V/2A
Printing method	Thermal print		
Resolution	203dpi		
Paper	Thermal paper		
	Paper type		
	Paper width	57.5 ± 0.5mm	79.5 ± 0.5mm
	External diameter	80mm	
Paper installation type	Unique mechanism that make paper installation easily		
Character print	Character set	ANK character set, Chinese GB2312, Traditional Chinese BIG5, 12 × 24 dot, 24 × 24 dot	
	Number of columns	48 columns	
Barcode type	UPC-A, UPC-E, Code128, EAN128, Jan8, Jan13(EAN) Interleaved 2 of 45, Codabar		
Data receiving buffer	16KB		
Flash memory	16M bit		
Optional function	Fiscal (with operator and customer display), customer display, operator display, black mark detector, GPRS module		
Interface	Ethernet, parallel, RS232, USB, WiFi, BT, P-tooth		
Cash drawer driver	1 port (compatible with EPSON)		
Printer head life	150km (recommend to use high quality thermal paper, such as OJI, PD-160R or Aclas paper.)		
Paper-cutter life	500,000 times		
Cash drawer impulse	DC 24V/1A		
Work Temperature	0°C ~ 40°C		
Work Humidity	5%R.H. ~ 85%R.H.		
Driver	Win8, WinME, Win2000, WinNT, WinXP, compatible with EPSON		
Printing command	Compatible with command ESC/POS		
Size	The printer with customer display: 176*234*208mm; The printer without customer display: 145*194*135.8mm		

Dimensions



Note 1: * Under developing function.
 Note 2: Functions and appearance are subject to practicality.
 Note 3: Work method of wireless based on CSMA to avoid disturbing among different devices.

Network diagram of kitchen and restaurant

